

CORRECTIONS AND ADDITIONS TO
"A CATALOG OF NEARCTIC CHIRONOMIDAE"

D. R. OLIVER AND M. E. DILLON

Centre for Land & Biological Research Resources, Research Branch, Agriculture Canada, C.E.F., Ottawa, Ontario K1A 0C6, Canada.

Abstract.—*A catalog of Nearctic Chironomidae*, published in 1990, contained entries for 205 genera and 1051 species. Synonyms and taxa overlooked in 1990, and corrections are presented here. Only references not cited in the *Catalog* are given. The number of valid genera and species are now 206 and 1065, respectively.

Key Words: Chironomidae, Catalog, Nearctic, synonyms, omitted taxa

This paper gives corrections and additions for *A Catalog of Nearctic Chironomidae*¹ (Oliver et al.) published in 1990. Overlooked taxa, missed synonymies, and corrections involving agreement of gender for generic and specific names are included, but distributions have not been updated. The *Catalog* contained entries for 205 generic and 1051 species names of Chironomidae recorded from the Nearctic region before Dec. 31, 1989. It now contains entries for 206 generic and 1065 species names. Only references not given in the *Catalog* are presented in Literature Cited.

We are grateful to our colleague Broughton Caldwell for pointing out some errors and omissions to us, and to Drs. J. H. Epler, L. LeSage, and J. R. Vockeroth for reviewing the manuscript. Dr. C. W. Sabrosky has kindly advised us on the agreement of gender for some generic and specific names.

CORRECTIONS AND ADDITIONS

p. 7. Under the genus **BOREOCHLUS** add the following entry to synonymy of **persimilis**: *Boreochlus longisetus* Brundin, 1966: 306.—Wash.

p. 8. Change **ALOTANYPUS venusta** to **venustus**.

p. 10. Change **NATARSIA baltimoreus** to **baltimorea**.

p. 12. Under the genus **HELOPELOPIA** add the following entry to synonymy of **cornuticaudata**: *Conchapelopia gigas* Beck & Beck, 1966: 347.—Fla.

p. 12. Under the genus **KRENOPELOPIA** add the following species entry after **narda**: *nigropunctata*. Not NE. *Tanypus nigropunctatus* Staeger, 1839: 589.—Denmark.

p. 13. Under the genus **PENTANEURA** add the following species entry after **inconspicua**: **indecisca**. N.Y.; NT. *Tanypus indecisus* Williston, 1896: 276.—West Indies.

p. 13. Under the genus **RHEOPELOPIA** add the following species entry after **acra**: **ornata**. Not NE. *Tanypus ornatus* Meigen, 1838: 14.—Belgium.

p. 14. Change **DJALMABATISTA pulcher** to **pulchra**.

p. 15. Under the genus **PROCLADIUS (HOLOTANYPUS)** add the following species entry after **barbatulus**: **choreus**. Not NE. *Tanypus choreus* Meigen, 1804: 23.—Not stated.

¹ Available through the Canadian Government Publishing Centre, Ottawa, K1A 0S9, Canada.

- p. 15. Under the genus **PROCLADIUS** (**PSILOTANYPUS**) add the following species entry after **riparius**: *rufovittatus*. Not NE.
Tanypus rufovittatus Wulp, 1874: 143.—The Netherlands.
- p. 19. Under the genus **PROTANYPUS** add the following species entry after **hamiltoni**: **morio**. N.W.T.; PA.
Tanypus morio Zetterstedt, 1838: 817.—Sweden.
- p. 27. Under the genus **HETEROTRIS-SOCLADIUS** add the following species entry after **cooki**: *grimshawi*. Not NE.
Metriocnemus grimshawi Edwards, 1929: 313.—Great Britain.
- p. 28. Add the following genus entry after **KRENOSMITTIA**:
Genus LAPPUSMITTIA Thienemann
Lappusmittia Thienemann in Edwards, Krüger & Thienemann, 1939: 263. Type-species, *Smittia parvibarba* Edwards (orig. des.).
This genus, but no species, is recorded from the Nearctic by Coffman and Ferrington (1984).
- p. 35. Under the genus **PSECTROCLADIUS** (**PSECTROCLADIUS**) add the following species entry after **limbatellus**: **octomaculatus**. Colo.; PA.
Psectrocladius octomaculatus Wülker, 1956: 15.—Europe.
- p. 36. Under the genus **PSEUDOSMITTIA** add the following species entry before **digitata**: **conjuncta**. Ont.; PA.
Spaniotoma conjuncta Edwards, 1929: 365.—England.
- p. 36. Change **PSEUDOSMITTIA forcipatus** to **forcipata**.
- p. 37. Under the genus **PSEUDOSMITTIA** add the following species entry after **forcipatus**: **gracilis**. Wyo.; PA.
Camptocladius gracilis Goetghebuer, 1913: 164.—Belgium.
- p. 37. Change "**RHEOCRICOTPUS**" to **RHEOCRICOTOPUS**.
- p. 37. Under the genus **SMITTIA** add the following synonym:
Phaenocladus Kieffer in Thienemann, 1921: 845. Type-species, *Camptocladius foliatus* Kieffer (orig. des.).
- p. 39. Under the genus **TVETENIA** add the following entry to synonymy of **duodenaria**:
Eukiefferiella saanensis Wülker, 1959: 50.—Finland.
- p. 40. Under **Nomina dubia** in **Orthocla-diinae** add the following entry after *Orthocladus sordens*:
Phaenocladus borealis Kieffer, 1922b:19.—Novaya Zemlya.
- p. 42. Under the genus **CHIRONOMUS** (**CHIRONOMUS**) add the following species entry after **plumosus**: **prasinus**. Idaho, Minn., N.Y.; PA.
Chironomus prasinus Meigen, 1804: 12.—Europe.
- p. 43. Under **nomina dubia** in *Chironomus* for *Chironomus redeuns* change date of Walker reference from 1956b to 1856b.
- p. 43. Change **CLADOPELMA amachae-rus** to **amachaerum**.
- p. 44. Change **CLADOPELMA spectabilis** to **spectabile**.
- p. 44. Change **CLADOPELMA viridula** to **viridulum**.
- p. 45. Change **DEMEIJERIA abruptus** to **abrupta**.
- p. 45. Change **DEMEIJERIA obreptus** to **obrepta**.
- p. 49. Change **PARACHIRONOMUS chaetaolus** to **chaetoalus**.
- p. 49. Under the genus **PARACHIRON-OMUS**, **pectinatellae** was originally described as a **Tendipes** (**Cryptochironomus**) not **Cryptochironomus**.
- p. 49. Under the genus **PARACHIRON-OMUS** add the following species entry after **varus**: **vitosus**. Man.; PA.
Chironomus vitosus Goetghebuer, 1921: 160.—Belgium.
- p. 50. Under the genus **PARACLADO-PELMA** add the following species

- entry after **winnelli**: **Nomina dubium** probably in **Paracladopelma**:
Cryptochironomus rolli Chernovskij 1949: 54 (as "*rolli* Kirpichenko).—Not stated.
- p. 50. Change **PARALAUTERBORNIELLA nigrohalterale** to **nigrohalteralis. teralis**.
- p. 51. Change **POLYPEDILUM (POLYPEDILUM) calopterus** to **calopterum**.
- p. 52. Under the **genus POLYPEDILUM (POLYPEDILUM)** add the following species entry after **pedatum**: **pedestre**. B.C. s. to Oreg. & Colo., N.J., N.Y.; PA.
Chironomus pedestris Meigen, 1830: 246.—Not given.
- p. 52. Under the **genus ROBACKIA** add the following species entry after **de-meijerei**: **pilicauda**. Mich.; PA.
Robackia pilicauda Sæther, 1977b: 129.—Yugoslavia.
- p. 53. Under the **genus STENOCHIRONOMUS (PETALOPHOLEUS)** add the following species entry after **cinctus**: **fascipennis**. Not NE.
Chironomus fascipennis Zetterstedt, 1838: 813.—Sweden.
- p. 56. Under the **genus MICROPSECTRA** add the following entry to synonymy of **junci**:
Chironomus gmundensis Egger, 1863: 1109.—Austria.
- p. 57. Under the **genus PARATANYTARSUS** add the following species entry after **grimmii**: **inopertus**. Wis.; PA.
Chironomus inopertus Walker, 1856a: 164.—England.
- p. 57. Under the **genus PARATANYTARSUS** add the following species entry after **tenuis**: **tolucensis**. N. Mex.; NT.
Paratanytarsus tolucensis Reiss, 1972: 62.—Mexico.
- p. 58. Move the following species entry from **Stempellina** to **Stempellinella**: **leptocelloides**. Alta., Ont.
Stempellina leptocelloides Webb, 1969: 94.—Ont.
- p. 58. Under the **genus TANYTARSUS** add the following species entry after **fimbriatus**: **glabrescens**. Ill.; PA.
Tanytarsus glabrescens Edwards, 1929: 416.—England.
- p. 58. Under the **genus TANYTARSUS** add the following species entry after **glabrescens**: **gregarius**. Probably not NE.
Tanytarsus gregarius Kieffer, 1909: 50.—Germany.
- p. 59. Under the **genus TANYTARSUS** add the following species entry after **recens**: **recurvatus**. Man., N.C., S.C.; PA.
Tanytarsus recurvatus Brundin, 1947: 75.—Sweden.
- p. 68. Insert arctic after Nearctic in the title of the reference Oliver, D. R. & M. E. Dillon (1988).
- p. 77. In INDEX change page number for **basalis** (Staeger), **Cricotopus**. from 23 to 24.

LITERATURE CITED

- Chernovski, A. A. 1949. Opredelitel lichinok komarov semeistva Tendipedidae. (Identification of larvae of the midge family Tendipedidae). Izvestiya Akademiyi Nauk SSSR 31: 1-186.
- Coffman, W. P. and L. C. Ferrington. 1984. Chironomidae, pp. 551-652. In Merritt, R. W. and K. W. Cummins, eds., An introduction to the aquatic insects of North America, second edition. Kendall/Hunt Publishing Co., Dubuque, Iowa.
- Edwards, F. W., F. Krüger, and A. Thienemann. 1939. *Lapposmittia parvibarba* n. sp. Chironomiden aus Lappland, V. Zoologischer Anzeiger 127: 259-264.
- Egger, J. 1863. Dipterologische Beiträge. Verhandlungen zoologisch-botanischen Gesellschaft in Wien 13: 1101-1110.
- Goetghebuer, M. 1913. Description de Chironomides nouveaux récoltés en Belgique. Annales de Biologie Lacustre 6: 148-172.
- Oliver, D. R., M. E. Dillon, and P. S. Cranston. 1990. A catalog of Nearctic Chironomidae. Research Branch, Agriculture Canada. Publication 1857/B. 89 pp.